RUHAT BANGALORE MAHANAGARA PALIK

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Improvements to Roads and drain at Sampigehalli and Royal Enclave in Ward No.08 Byatarayanapura Sub Division

Est Cost : 99.00 Lakhs

P Code : P-3726

ಅಂದಾಜು ಪಟ್ಟಿಯ ವರದಿ

ವಿಷಯ: ವಾರ್ಡ್ ನಂ. 08(ಜಕ್ಕೂರು) ವ್ಯಾಪ್ತಿಯ Improvements to Roads and drain at Sampigehalli and Royal Enclave in Ward No.08 Byatarayanapura Sub Division ಕಾಮಗಾರಿಗೆ ಅನುಮೋದನೆ ನೀಡುವ ಕುರಿತು.

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ವಾರ್ಡ್ ನಂ. 08(ಜಕ್ಕೂರು) ವ್ಯಾಪ್ತಿಯ Improvements to Roads and drain at Sampigehalli and Royal Enclave in Ward No.08 Byatarayanapura Sub Division ಕಾಮಗಾರಿಗೆ ರೂ. 99.00 ಲಕ್ಷಗಳ ಅಂದಾಜು ಮೊತ್ತದಲ್ಲಿ 2022-23 ನೇ ಸಾಲಿನ ಆಯವ್ಯಯದ ಲೆಕ್ಕಶಿರ್ಷಿಕೆ ಪಿ-3726ರ ಕಾಮಗಾರಿ ಕ್ರಿಯ ಯೋಜನಾ ಪಟ್ಟಿಯಲ್ಲಿ ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಲು ಅವಕಾಶ ಕಲ್ಪಿಸಲಾಗಿದ್ದು, ದಿನಾಂಕ: 06.08.2022 ರಂದು ನಡೆದ ವಾರ್ಡ್ ಮಟ್ಟದ ಸಾರ್ವಜನಿಕ ಲೋಕೋಪಯೋಗಿ, ನಗರ ಯೋಜನೆ ಮೂಲ ಸೌಕರ್ಯ ಸ್ಥಾಯಿ ಸಮಿತಿ ಸಭೆಯ ನಡವಳಿ ವಿಷಯದ ಸಂಖ್ಯೆ. 178/2022-2 ರಲ್ಲಿ ಮಾನ್ಯ ಆಡಳಿತಗಾರರು ಅನುಮೋದಿಸಿರುತ್ತಾರೆ.

ಅದರಂತೆ ವಾರ್ಡ್ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಬರುವ ಸಂಪಿಗೇಹಳ್ಳಿ ಮತ್ತು ರಾಯಲ್ ಎನ್‌ಕ್ಲೇವ್ ಬಡಾವಣೆಯಲ್ಲಿ ಚರಂಡಿ ಮತ್ತು ಅಡಿಗಾಲುವೆಗಳನ್ನು ನಿರ್ಮಾಣ ಮಾಡುವ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳಲು ಸ್ಥಳ ಪರಿಶೀಲನೆ ಮಾಡಿ, ಅಗತ್ಯ ಅಂಶಗಳನ್ನು ಅಳವಡಿಸಿಕೊಂಡು ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ಈ ಕೆಳಕಂಡ ಐಟಂಗಳನ್ನು ಅಳವಡಿಸಿ ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ.

1. ಹೊಸದಾಗಿ ಆರ್.ಸಿ.ಸಿ ಚರಂಡಿ ನಿರ್ಮಾಣ ಮಾಡುವುದು.
2. ಪ್ರೀಕ್ಯಾಸ್ಟ್ ಕವರಿಂಗ್ ಸ್ಲಾಭ್ ಅಳವಡಿಸುವುದು.
3. ಕಲ್ವರ್ಟ್‌ಗಳ ನಿರ್ಮಾಣ ಮಾಡುವುದು.
4. ಚರಂಡಿಯ ಹೂಳನ್ನು ಹೊರಸಾಗಿಸುವುದು ಹಾಗೂ ಇತರೆ ಅವಶ್ಯಕ ಅಂಶಗಳಿಗೆ ಅಂದಾಜಿನಲ್ಲಿ ಅವಕಾಶ ಕಲ್ಪಿಸಿಕೊಂಡಿರುತ್ತದೆ.

ಮೇಲ್ಕಂಡ ಅಂಶಗಳನ್ನು ಅಳವಡಿಸಿ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು PWD SR- 2021-22 ದರಪಟ್ಟಿ ದರಗಳನ್ನು ಅಳವಡಿಸಿ ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ 2022-23ನೇ ಸಾಲಿನ ಅನುದಾನದ ಲೆಕ್ಕ ಶಿರ್ಷಿಕೆ ಪಿ-3726ರ ಅಡಿಯಲ್ಲಿ ಅನುಮೋದಿಸಿ, ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ, ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿ ಕಾಮಗಾರಿಯನ್ನು ತುರ್ತಾಗಿ ಕೈಗೊಳ್ಳಬೇಕಾಗಿರುವುದರಿಂದ ಟೆಂಡರ್ ಕರೆದು ಗುತ್ತಿಗೆದಾರರನ್ನು ನೇಮಿಸಿ ಕಾರ್ಯದೇಶ ನೀಡಲು ಈ ಮೂಲಕ ತಮ್ಮಲಿ ಕೋರಲಾಗಿದೆ.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at Sampigehalli and Royal Enclave in ward No.08 Byatarayanapura Sub Division

								Estimation Cost.Rs	9900000.00
Sl No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. (PWD SR 2021-22 Vol -I Pg No 5 item no 1.4.1)								
	For Drain								
	Sampigehalli								
	Cross Road	Cum	1	250.00	1.10	0.90	247.50		
	Royal Enclave								
	Cross Road	Cum	2	394.00	1.10	0.90	780.12		
	For Culvert								
	Sampigehalli								
	Cross Road	Cum	2	6.00	1.40	0.95	15.96		
	Royal Enclave								
	Cross Road	Cum	5	6.00	1.40	0.95	39.90		
	Basic rate	186.00							
	Area weightage 10%	18.60							
	Sub Total	**204.60**							
	Total						**1083.48**	**204.60**	**221681.00**
2	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (PWD SR 2021-22 Vol -I Pg 15 item no 2.1.3)								
	For Drain								
	Sampigehalli								
	Cross Road	Cum	1	250.00	1.10	0.15	41.25		
	Royal Enclave								
	Cross Road	Cum	2	394.00	1.10	0.15	130.02		
	For Culvert								
	Sampigehalli								
	Cross Road	Cum	2	6.00	1.40	0.15	2.52		
	Royal Enclave								
	Cross Road	Cum	5	6.00	1.40	0.15	6.30		
	Basic rate	5554.00							
	Area weightage 10%	555.40							
	Sub Total	**6109.40**							
	Total						**180.09**	**6109.40**	**1100242.00**
3	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid								
	For Drain								
	Bottom Raft								
	Sampigehalli								
	Cross Road	Cum	1	250.00	0.90	0.15	33.75		

	Description of work	Unit	Mesurement No.	L	B	D	Qty	Rate	Amount
	Royal Enclave								
	Cross Road	Cum	2	394.00	0.90	0.15	106.38		
	Side Wall								
	Sampigehalli								
	Cross Road	Cum	2	250.00	0.15	0.60	45.00		
	Royal Enclave								
	Cross Road	Cum	4	394.00	0.15	0.60	141.84		
					Sub Total		326.97		
	Culvert								
	Bottom Raft								
	Sampigehalli								
	Cross Road	Cum	2	6.00	1.20	0.20	2.88		
	Royal Enclave								
	Cross Road	Cum	5	6.00	1.20	0.20	7.20		
	Side Wall								
	Sampigehalli								
	Cross Road	Cum	4	6.00	0.23	0.60	3.31		
	Royal Enclave								
	Cross Road	Cum	10	6.00	0.23	0.60	8.28		
					Sub Total		21.67		
	Basic rate	5968.00							
	Add 5% for Shuttering	298.40							
		6266.40							
	Area weightage 10%	626.64							
	Sub Total	6893.04							
	Total						348.64	6893.04	2403204.00
4	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200 (PWD SR 2021-22 Vol -III Pg 99 item no 13.1)								
	For Drain	Cum					326.97		
		kg	Steel assumed 60 Kg/Cum of				19618.20		
		tonne					19.62		
	For Culvert	Cum					21.67		
		kg	Steel assumed 90 Kg/Cum of				1950.48		
		tonne					1.95		
	Basic rate	92170.00							
	Area weightage 10%	9217.00							
	Sub Total	101387.00							
	Total						21.57	101387.00	2186784.00
5	Providing and Fixing pre cast covering Slab 100mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)								
	Sampigehalli								
	Cross Road	Sqm	1	250.00	0.90		225.00		
	Royal Enclave								
	Cross Road	Sqm	2	394.00	0.90		709.20		
	Data rate	2072.00							
	Total						934.20	2072.00	1935663.00
6	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)								
	Culvert cover Slab	Sqm							
	Sampigehalli								
	Cross Road	Sqm	2	6.00	1.20		14.40		

	Description of work	Unit	Mesurement No.	L	B	D	Qty	Rate	Amount
	Royal Enclave								
	Cross Road	Sqm	5	6.00	1.20		36.00		
	Data rate	5037.00							
	Total						50.40	5037.00	253865.00
7	**Loading and Unloading of Stone Boulder**/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (PWD SR 2021-22 Vol-III Page No.3, Item No.1.1A)								
	Qty Vide frm Item No-01	**Cum**					1083.48		
	Basic rate	118.00							
	Area Weightage 10%	11.80							
	Total	**129.80**							
	Total						1083.48	129.80	140636.00
8	**Cost of Haulage** Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (PWD SR 2021-22 Vol-III Page No.3, Item No.1.4A)								
	Qty frm Item No-07	**t.Km**		1083.48	1.28		1386.85		
	Basic rate	12.00							
	8Km 12*8	96.00							
	Area Weightage 10%	9.60							
	Total	**105.60**							
	Total						1386.85	105.60	146452.00
								Grand Total	8388527.00
								GST Charges (18% of estimated cost)	1509935.00
								Miscellenious and rounding	1538.00
								Total Amount	9900000.00
								RUPEES NINETY NINE LAKH ONLY	

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019, PWD 2021-2022, Issue rates and Data Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

ADMINISTRATIVE APPROVAL

Accorded For Rs. Rs. 99.00 Lakhs only

Head of A/c. P3726

Div. Ref No. 50 Date. 21/02/23

AE EE(BTP)

Technical Sanction

Accorded For Rs.99.00Lakhs

Head of A/C. P3726

CER NO :106 Dt:16/02/23